

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

## PATENT APPLICATION

APPLICANT(S): Albert X. Widmer  
 ASSIGNEE NAME: International Business  
 Machines Corporation  
 ASSIGNEE RESIDENCE: Armonk, New York

"Express Mail" Label No.: EV326908096US  
 I hereby certify that this paper is being deposited with the U. S. Postal  
 Service "Express Mail Post Office to Addressee" service under 37 C.F.R.  
 §1.10 on the date indicated below and is addressed to: Commissioner for  
 Patents, P.O. Box 1450, Alexandria, VA 22313-1450  
 Signature: *John Mauer* Date: September 19, 2003

MAIL STOP PATENT APPLICATION  
 COMMISSIONER FOR PATENTS  
 P.O. BOX 1450  
 ALEXANDRIA, VA 22313-1450

5B/6B-T, 3B/4B-T AND PARTITIONED 8B/10B-T TRANSMISSION  
 CODES, AND THEIR IMPLEMENTATION FOR HIGH OPERATING  
 RATES

SIR:

Enclosed are the following papers relating to the above-named application for patent:  
 Application - 41 pages of Specification, 6 pages of Claims and 1 page of Abstract  
 25 Sheets of informal drawing(s)  
 Declaration and Power of Attorney (unexecuted)

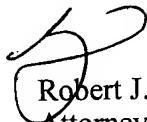
	CLAIMS AS FILED			CALCULATIONS
	NO. FILED	NO. EXTRA	RATE	
Total Claims	27 - 20 =	7	x \$18 =	\$ 126
Independent Claims	7 - 3 =	4	x \$84 =	\$ 336
Multiple Dependent Claim(s), if applicable			\$ 280 =	\$ 0
Basic Fee				TOTAL FEE: \$1,212

31108 U.S. PRO  
 10/666285  
 09/19/03

Please file the application and charge International Business Machines Corporation's Deposit Account No. 50-0510 the amount of \$1,212 to cover the filing fee. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit International Business Machines Corporation's Deposit Account No. 50-0510 as required to correct the error. Duplicate copies of this letter are enclosed.

Please address all correspondence to: **Ryan, Mason & Lewis, LLP, 1300 Post Road, Suite 205, Fairfield, CT 06824.** Telephone calls should be made to the under-signed attorney at (203) 255-6560.

Respectfully,



Robert J. Mauri  
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(203) 255-6560

Date: September 19, 2003